Figure 1

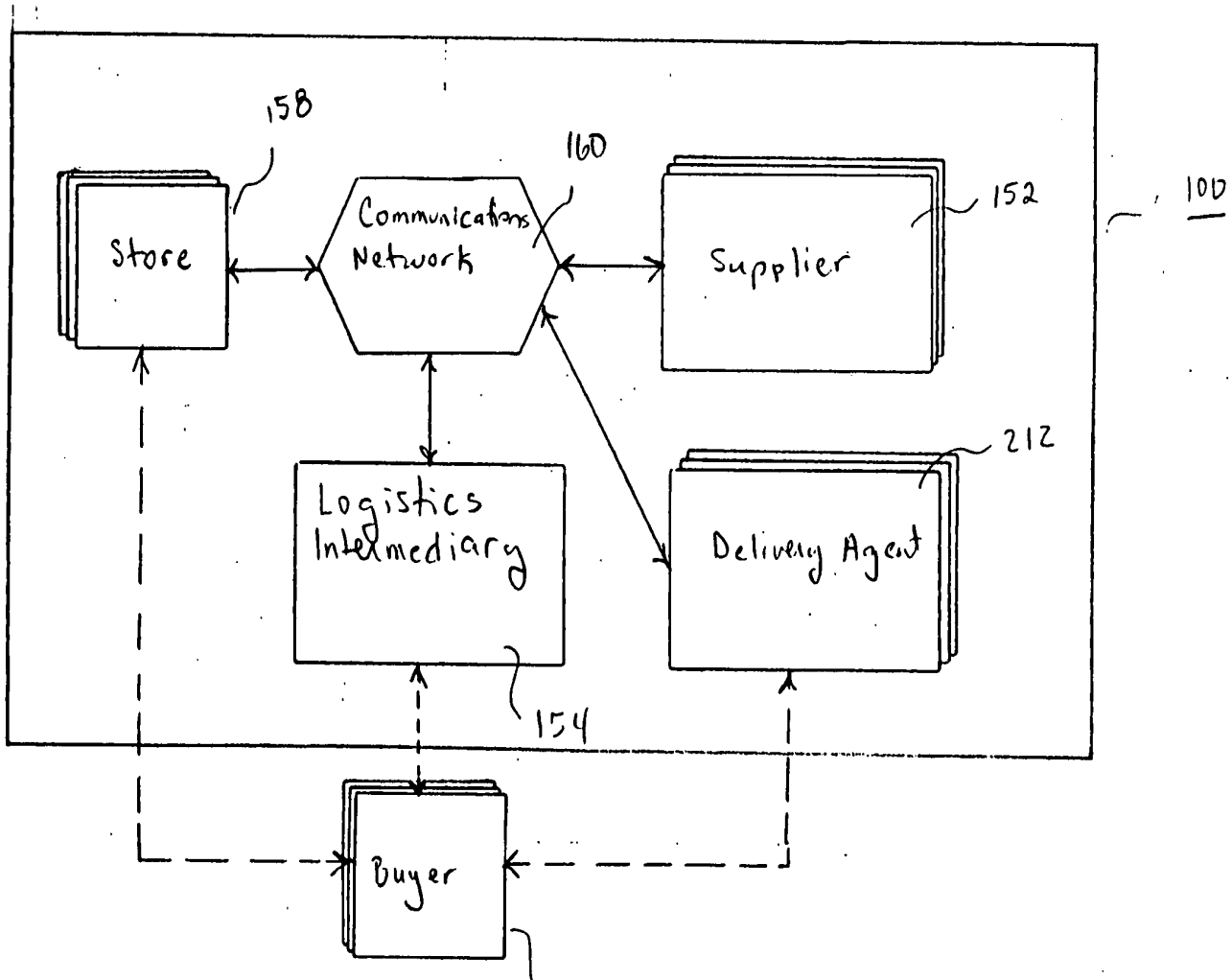

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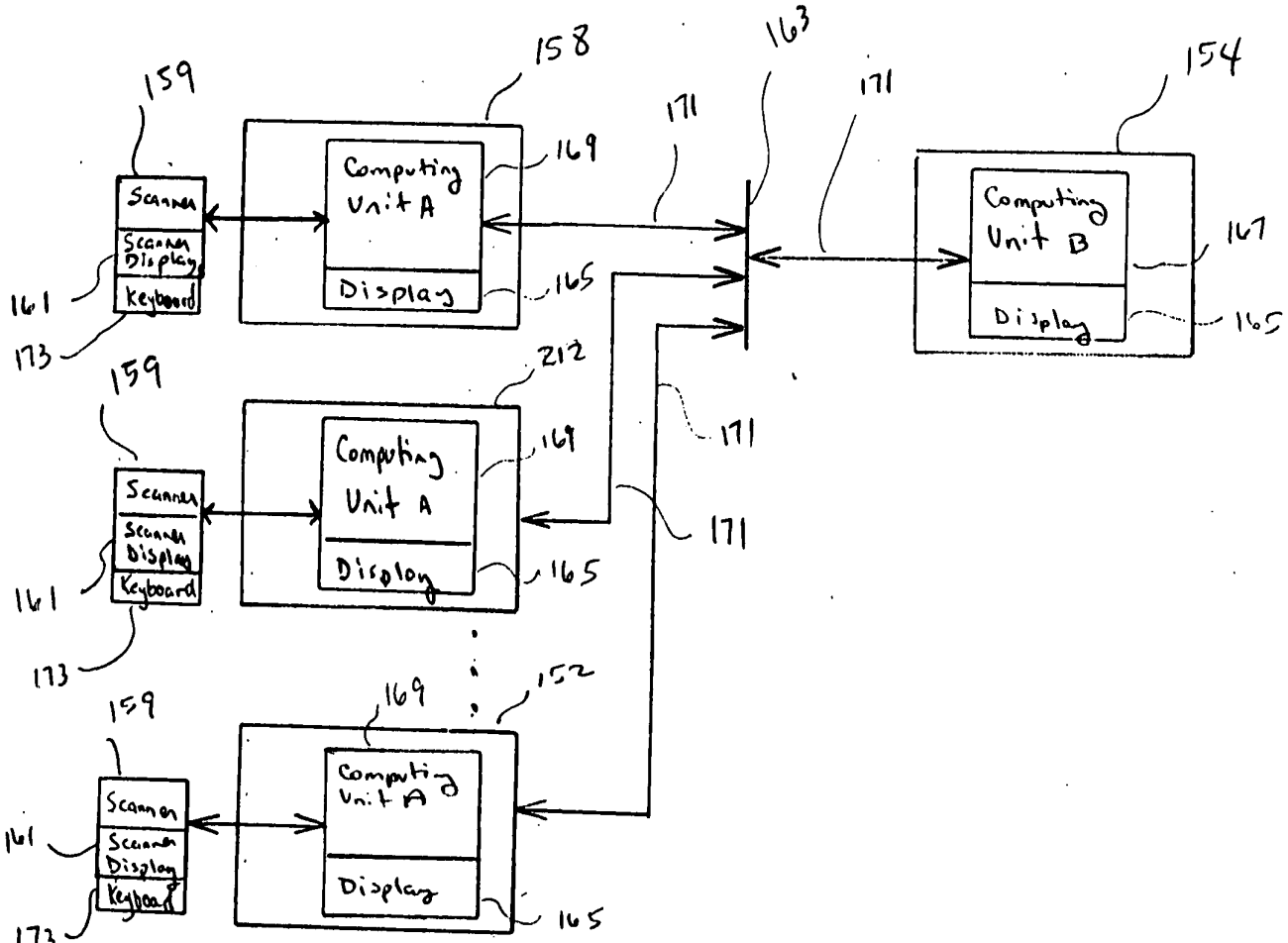
Figure 2


159
158
163
154
171
171
Scanner
Scanner Display
Keyboard
Computing Unit A
Display
169
Computing Unit B
167
161
165
173
212
152

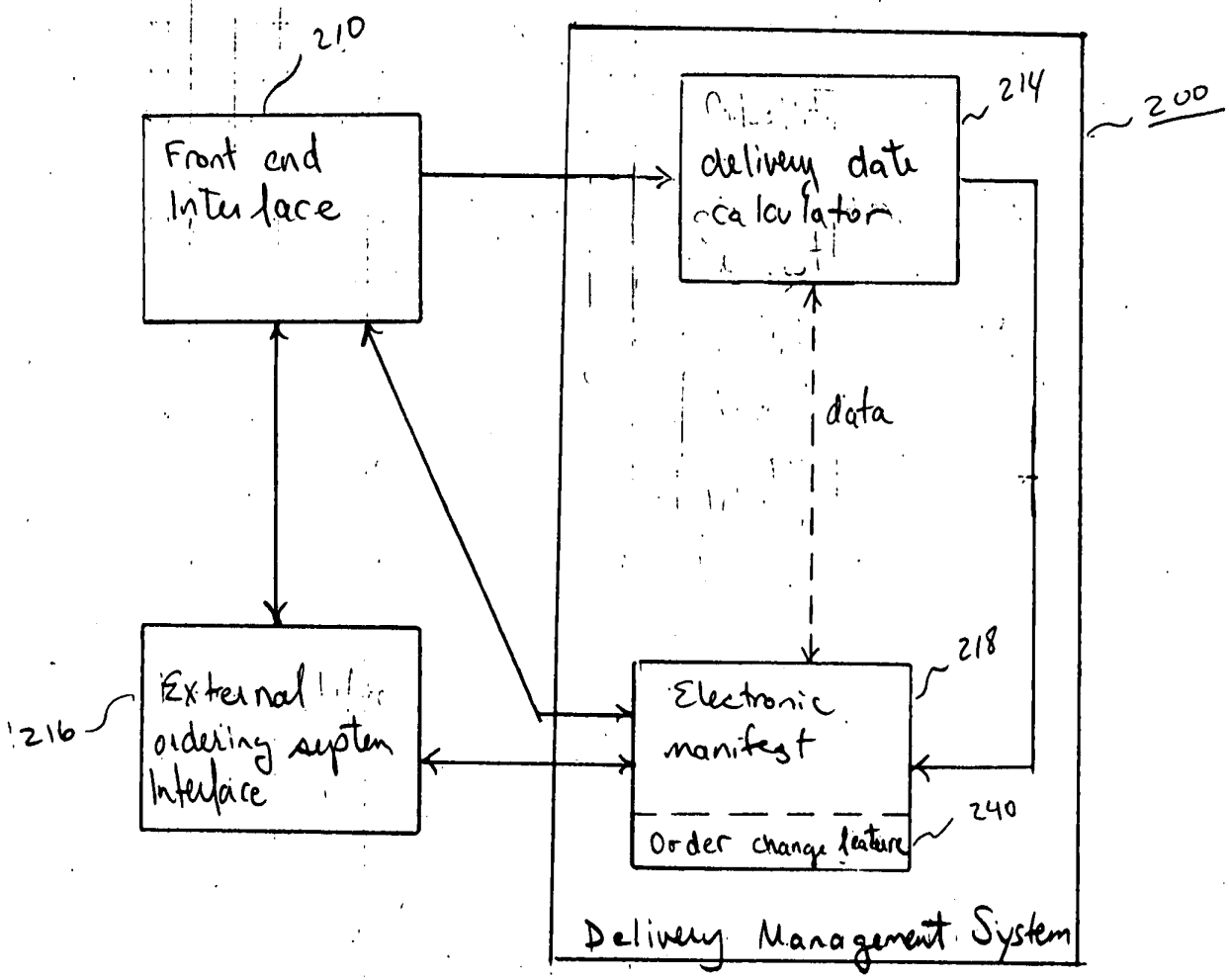

210
Front end Interface
214
delivery date calculation
200
data
216
External ordering system Interface
218
Electronic manifest
240
Order change feature
Delivery Management System

Figure 3

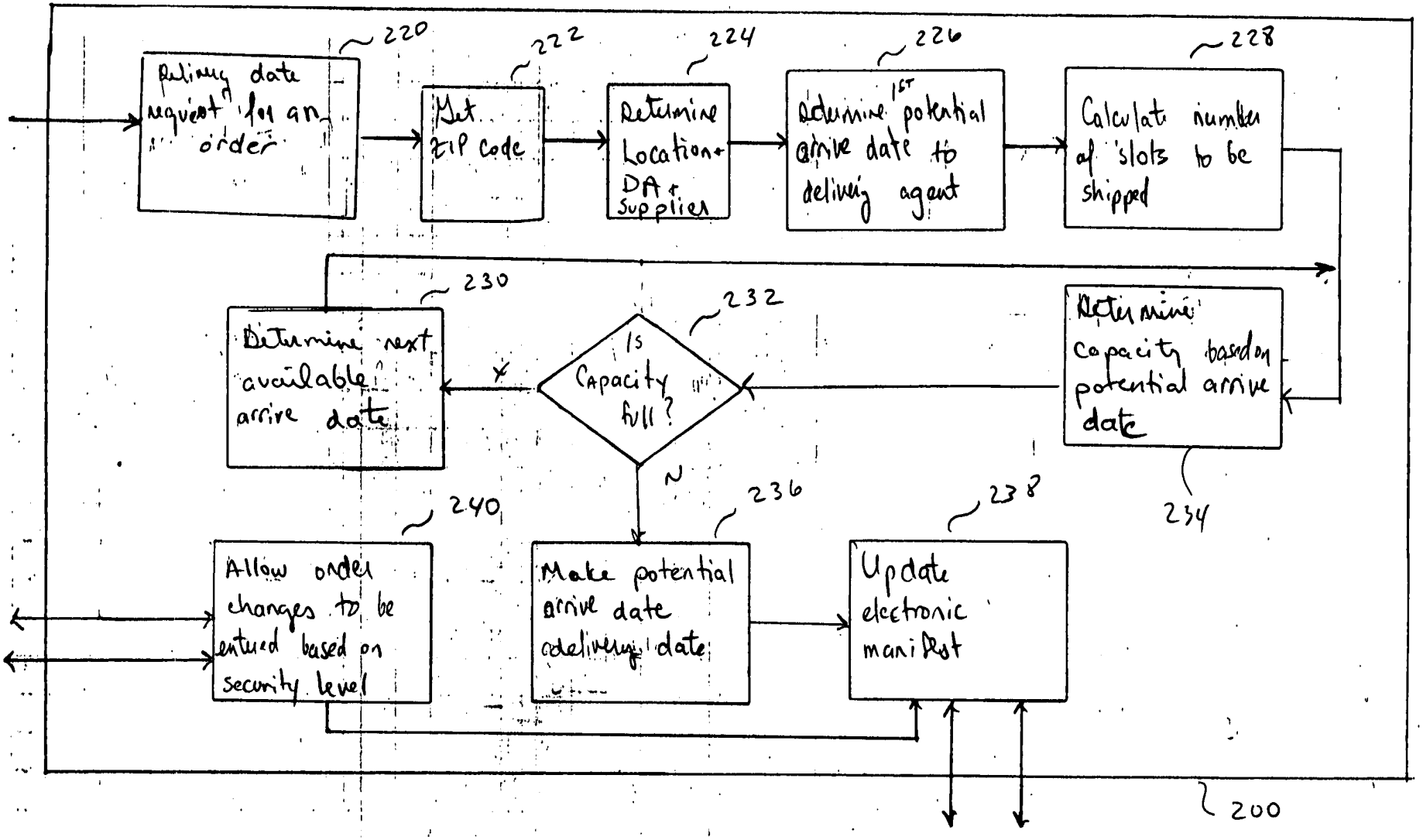

220
Retrieve data request for an order
222
Get ZIP code
224
Determine Location + DA + Supplier
226
Determine 1ST potential arrive date to delivery agent
228
Calculate number of slots to be shipped
230
Determine next available arrive date
232
Is Capacity full?
Y
N
Determine capacity based on potential arrive date
234
240
Allow order changes to be entered based on security level
236
Make potential arrive date delivery date
238
Update electronic manifest
200

Figure 4

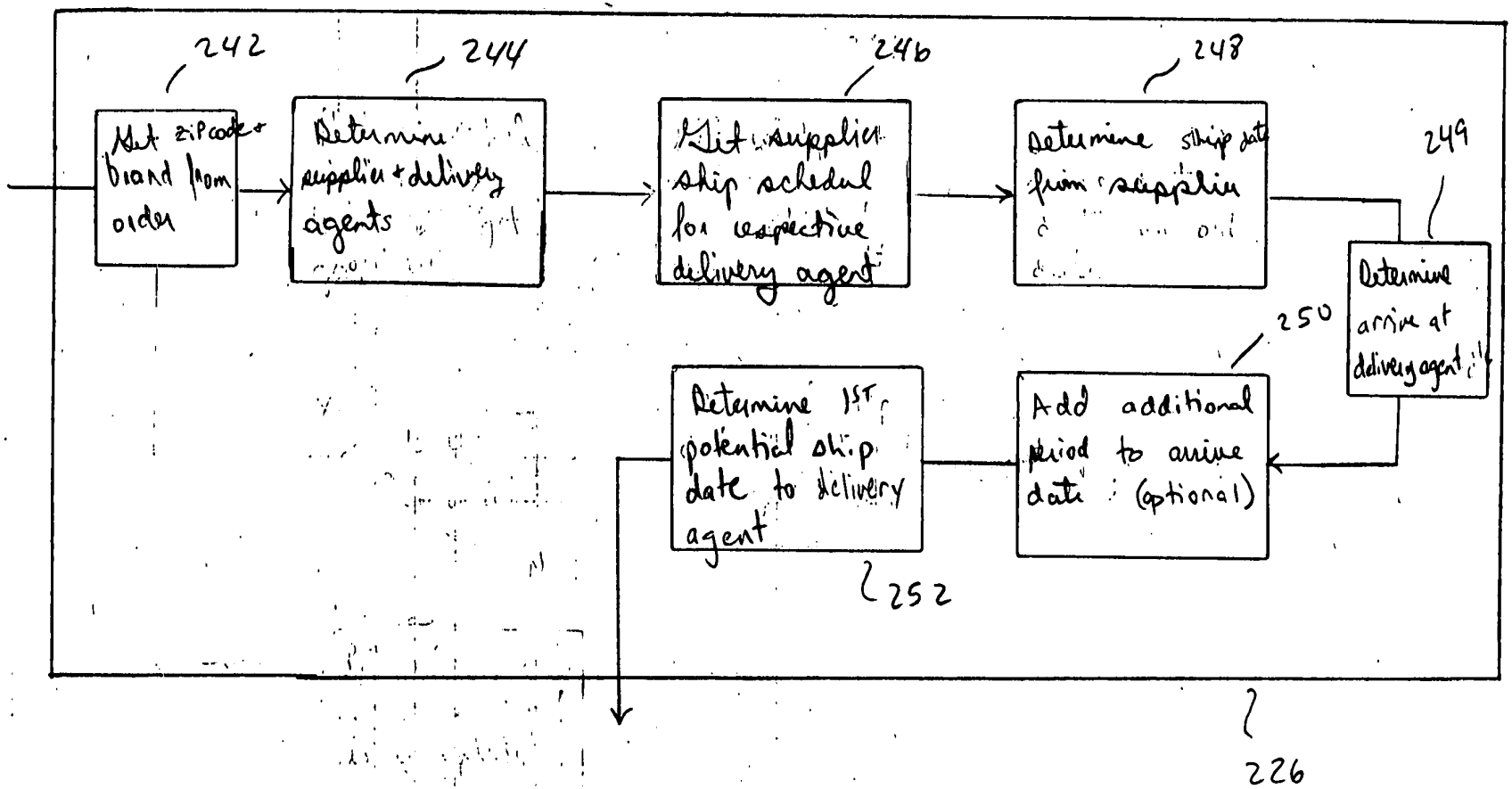
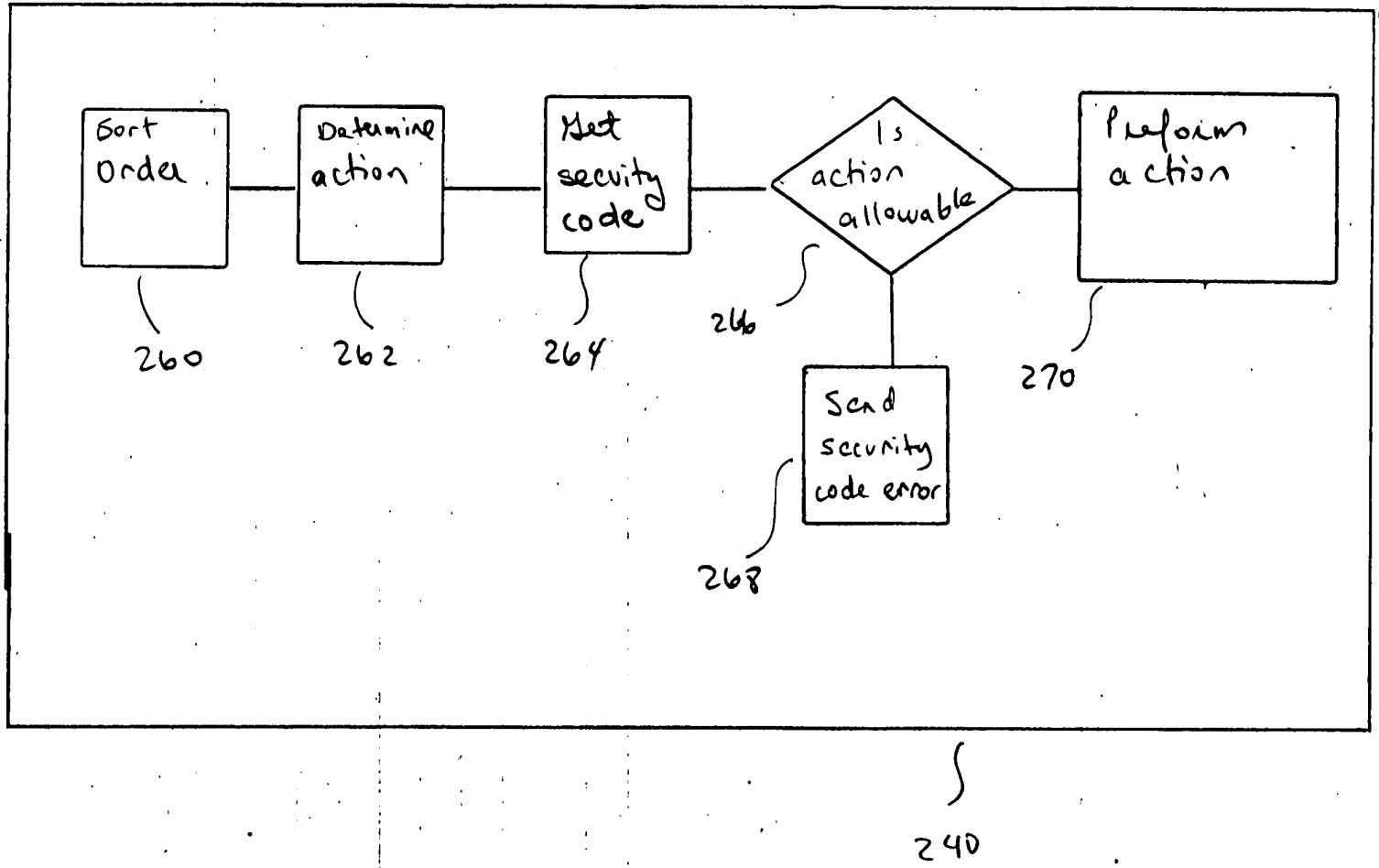

242
Get zipcode + brand from order
244
Determine supplier + delivery agents
246
Get supplier ship schedul for respective delivery agent
248
Determine ship date from supplier
249
Determine arrive at delivery agent
250
Add additional period to arrive date (optional)
252
Determine 1ST potential ship date to delivery agent
226

Figure 5

Figure 6


Sort Order
Determine action
Get security code
Is action allowable
Perform action
Send security code error
260
262
264
266
268
270
240

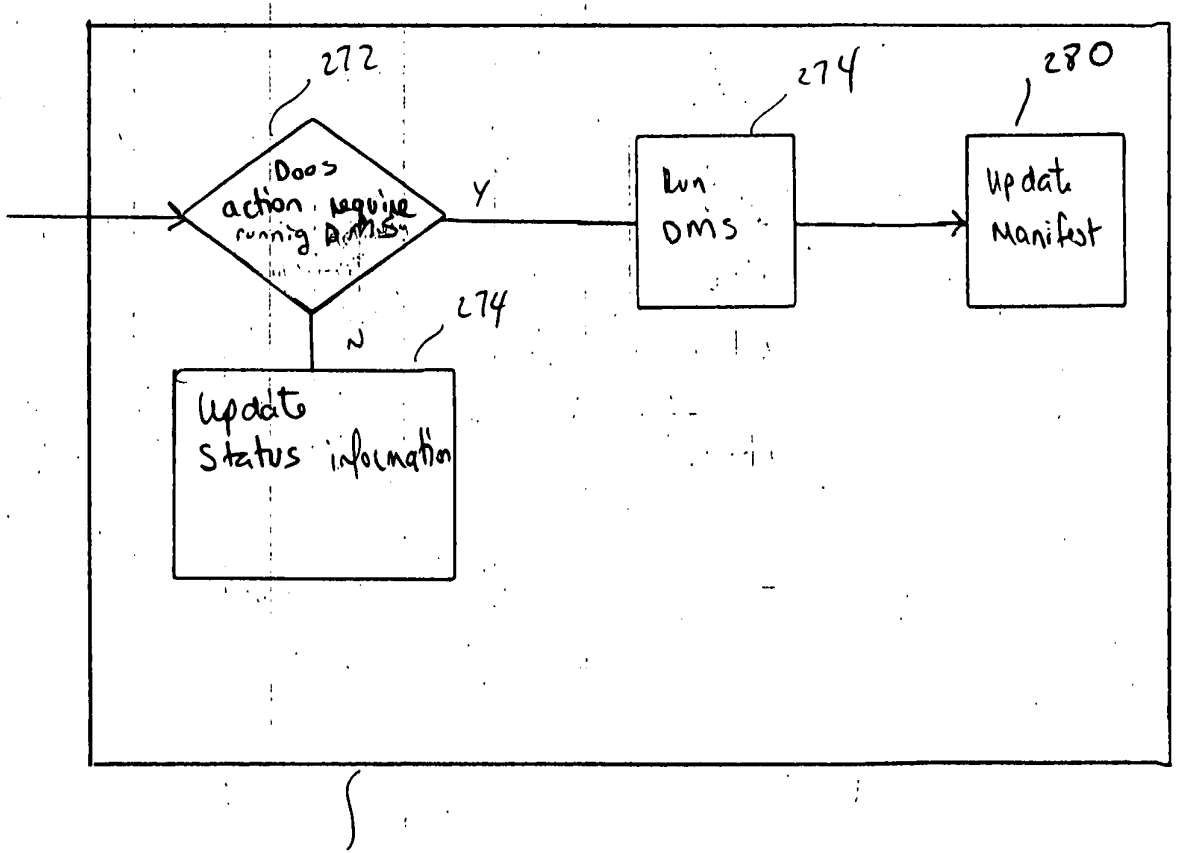
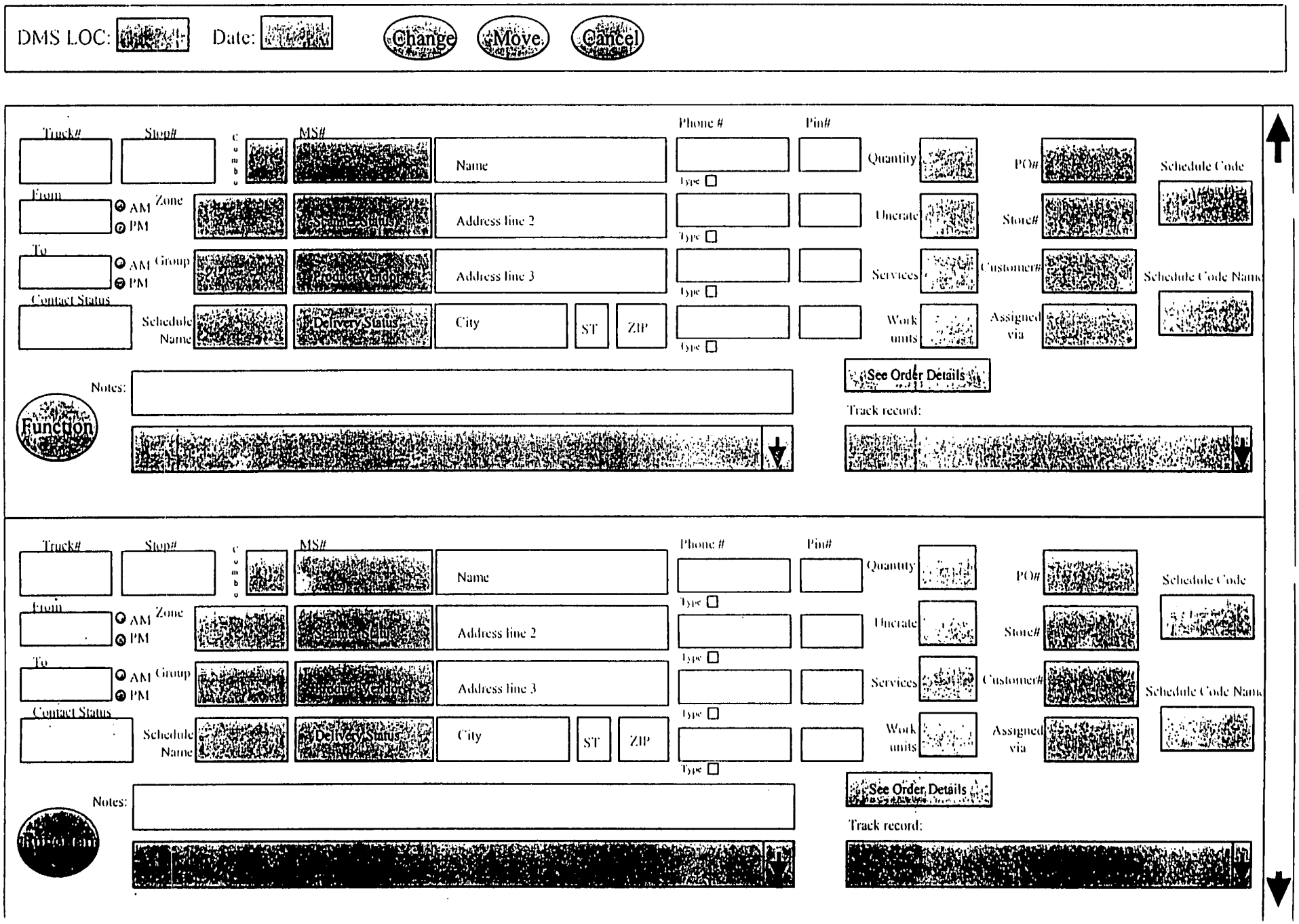

272
Does action require running OMS
Y
N
274
Run OMS
274
Update Status information
280
Update Manifest
270

Figure 7

Attachment A

Figure B



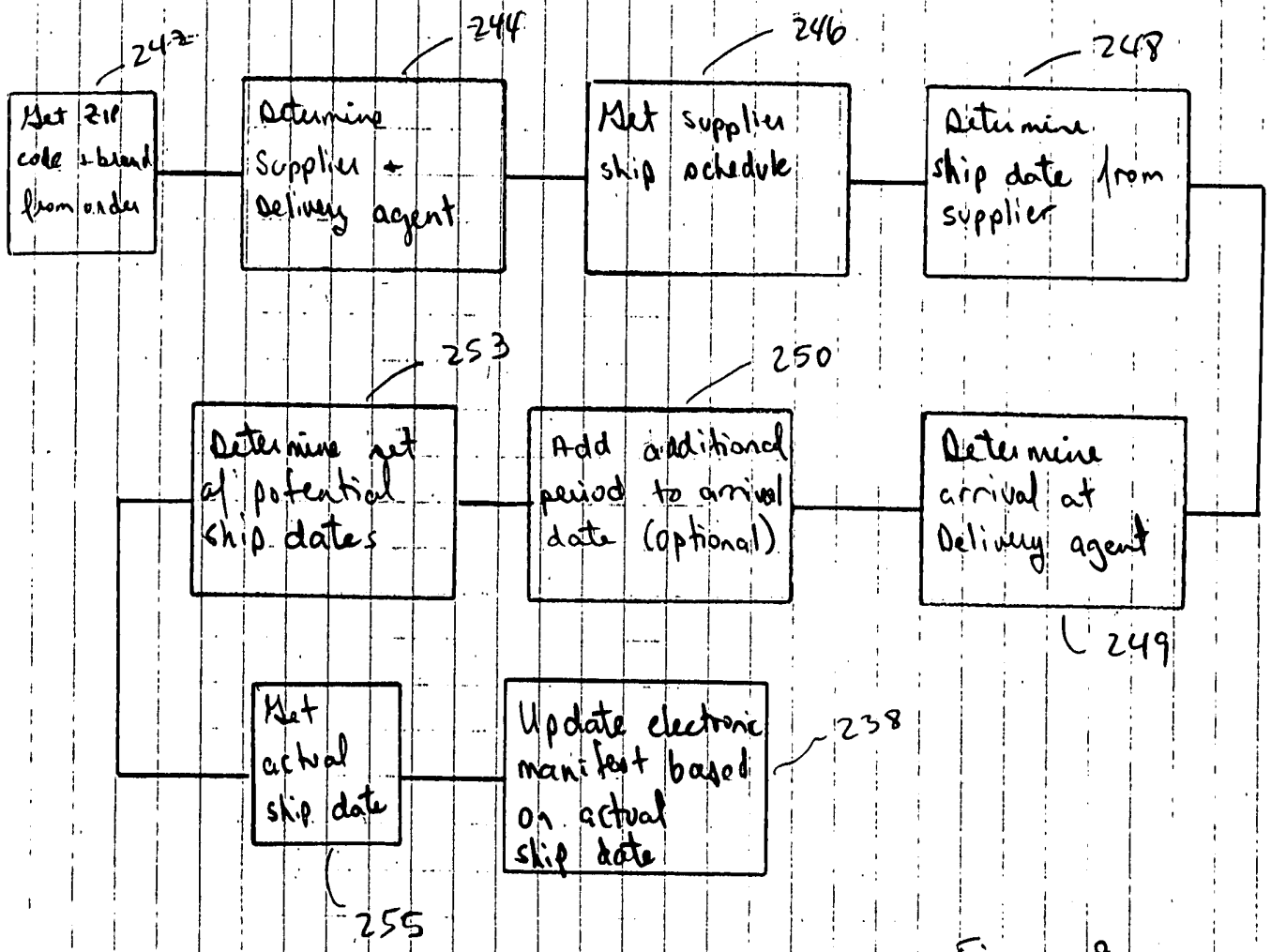


Figure 9

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